

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WJ9XHP

(Call Sign)

XT FX MO

(Class of Station)

0187-EX-ST-2017

(File Number)

NAME Space Exploration Technologies Corp. (SpaceX)

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Pre-launch checkout of TTC links for commercial payload mission, including operation of the fairing re-rad system, prior to flight.

Station Locations

- (1) Kennedy Space Center, FL - NL 28-36-29; WL 80-36-14; MOBILE: In the PPF on Titan III Rd and at LC-39a, within 4 km, centered around NL 28-36-29; WL 80-36-14

Frequency Information

Kennedy Space Center, FL - NL 28-36-29; WL 80-36-14; MOBILE: In the PPF on Titan III Rd and at LC-39a, within 4 km, cen

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4197.75 MHz	FX	300KG2D	0.017 W (ERP)	
4198.25 MHz	FX	300KG2D	0.017 W (ERP)	
4198.75 MHz	FX	300KG2D	0.017 W (ERP)	

This authorization effective March 10, 2017 and
will expire 3:00 A.M. EST September 10, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4199.25 MHz	FX	300KG2D	0.017 W (ERP)	
5853 MHz	FX	1M30F2D	96605 W (ERP)	
6424.5 MHz	FX	1M30F2D	96605 W (ERP)	

Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (2) All operations shall be limited pre-launch testing for F9-34 mission, to cover fairing re-rad operations at pad 39a at Kennedy Space Center and stand-alone testing at the SpaceX Payload Processing Facility on Cape Canaveral AFS.
- (3) This STA is for ground test only. Use for in flight is not authorized under this STA request.
- (4) Prior to transmitting at Eastern Range, Florida; SpaceX shall coordinate and schedule their operations with Range Scheduling, COMM: (321)- 853-5941, email: 1ropschd@us.af.mil.